

INTERNATIONAL SEARCH REPORT

International Application No

PCT/AT2004/000263

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C01B13/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C01B B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, COMPENDEX, INSPEC, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 526 775 A (CASSANO ANTHONY A) 2 July 1985 (1985-07-02) claims	1,2,4,5, 7,10,11
X	EP 0 583 748 A (AIR PROD & CHEM) 23 February 1994 (1994-02-23) the whole document	1,2,4,7, 10,11
X	US 4 705 544 A (ASAKO SHIGERU ET AL) 10 November 1987 (1987-11-10) claims	1,2,4,7, 10,11
X	DE 29 27 734 A (BASF AG) 5 February 1981 (1981-02-05) the whole document	1,2,4,7, 10,11
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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A document defining the general state of the art which is not considered to be of particular relevance

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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* & * document member of the same patent family

Date of the actual completion of the international search

21 October 2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WASSERSCHIED P ET AL: "Ionic Liquids - New Solutions for Transition Metal Catalysis" ANGEWANDTE CHEMIE. INTERNATIONAL EDITION, VERLAG CHEMIE. WEINHEIM, DE, vol. 39, no. 21, 27 October 2000 (2000-10-27), pages 3772,3778,3780-3787, XP002218385 ISSN: 0570-0833 the whole document	1
A	PATENT ABSTRACTS OF JAPAN vol. 015, no. 373 (C-0869), 19 September 1991 (1991-09-19) & JP 03 150203 A (BABCOCK HITACHI KK), 26 June 1991 (1991-06-26) abstract	1
A	PATENT ABSTRACTS OF JAPAN vol. 012, no. 258 (C-513), 20 July 1988 (1988-07-20) & JP 63 042717 A (NIPPON SANZO KK), 23 February 1988 (1988-02-23) abstract	1
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